

Complaint Information

EP NC Rgnl Off Williamsport

Complnt Id: 281742 ✓
Municipality: Terry Twp ✓
Entered By: RUTH E PRIESTER
Source: Phone Call
Date Received: 07/20/2011
Abbrv. Description: Drinking water polluted
Long Description: According to DEP website and Twp meeting, the drilling site is supposed to be shut down for violations. It is still operating. Complainant water is polluted
Site Location: Chesapeake Energy - Hersburg pad, Vial Hill Rd

Related Complnt Id: None
County: Bradford ✓
Confidential(Y/N): Yes
ER Related (Y/N): N After Hours Ind (Y/N): N
Date Acknowledged: -

Responsible Party Information

Name: ERIC HASKINS
Home Phone: -
Company Name: CHESAPEAKE APPALACHIA
Address: 101 NORTH MAIN STREET
TOWANDA, PA 18848
Municipality: -
County: Bradford

Work Phone: 570-888-6564
Ext: -
Mobile Phone: -
Permit#: -

Response Information

Priority: 2
Program: Oil & Gas ✓
Complaint Type: Water Supply ✓
Date Resp Assigned: 07/22/2011
Date Response Due: 08/05/2011
Date First Response: 07/26/2011
Date Resolved: 11/30/2011
Date Referred: -
Referred To: -
Comments: -
Inspector: GENE T RICKARD
Supervisor: MICHAEL T O'DONNELL

Investigation Information

Date Investn Assigned: 07/22/2011
Inspector: GENE T RICKARD
eFACTS Inspection Id: -
Investigation Description: Site visit conducted, water sample taken for CH4 and 946 (+bromide) analysis, water was clear during sample collection.

Date Investigated: 07/26/2011
Violation(Y/N): No
Investigation Id: 284956
Type: Site Visit

Investigation Information

Date Investn Assigned: 07/22/2011
Inspector: GENE T RICKARD
eFACTS Inspection Id: -
Investigation Description: Sample results received, no significant difference between Dept analysis and company analysis conducted 4/8/10 & 3/3/11. Voice mail message left with complainant regarding the above, final determination memo and letter being prepared.

Date Investigated: 08/22/2011
Violation(Y/N): No
Investigation Id: 284957
Type: Phone Call

Investigation Information

Date Investn Assigned:	07/22/2011	Date Investigated:	11/30/2011	Type:	Other
Inspector:	GENE T RICKARD	Violation(Y/N):	No		
eFACTS Inspection Id:		Investigation Id:	284958		
Investigation Description:	Final determination memo and letter prepared and reviewed, sample results showed all tested parameters met applicable MCLs, no impact from gas well drilling, letter sent to complainant, case closed.				

*** End of Report ***



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

NORTHCENTRAL REGION - SCRANTON DISTRICT OFFICE

November 30, 2011

CERTIFIED MAIL NO. 7011 1570 0001 6974 6067

Mr. [REDACTED]
14832 Route 187
Wyalusing, PA 18853

Re: Act 223, Section 208 Determination
Complaint No. 281742
Terry Township, Bradford County

Dear Mr. [REDACTED]

The Department has investigated the possible degradation of your water supply well located in Terry Township, Bradford County, in response to a complaint that recent gas well drilling activities may have affected your water well. On 7/26/2011, the Department collected samples from your home water supply. The samples were submitted to the Department's laboratory in Harrisburg for analysis. The analytical reports for the samples are included, as well as documents that will assist you with interpreting the sample results. The sample results showed all tested parameters met applicable Maximum Contaminant Levels (MCLs) for compounds which an MCL exists. At this time, the Department's investigation does not indicate that gas well drilling has impacted your home water supply.

Should you have any questions concerning this matter, please feel free to contact me at 570-346-5534.

Sincerely,

Gene Rickard
Water Quality Specialist
Oil and Gas Management Program

Enclosures:

Laboratory Analytical Results
"How to Interpret A Water Analysis Report"

Mr. [REDACTED]

-2-

November 30, 2011

Bcc: Marc Cooley
Mike O'Donnell
Chesapeake Appalachia
Eric Rooney
Complaint File

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the back so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Patrick Blow
14832 Route 187
Wyalusing, PA 18853

2. Article Number
(Transfer from sender's record)

7011 1570 0001 6974 6067

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1544

Received by (Printed Name)

Patrick Blow

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

☐ Insured Mail

☐ Express Mail

☐ Return Receipt for Merchandise

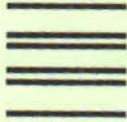
☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes



UNITED STATES POSTAL SERVICE

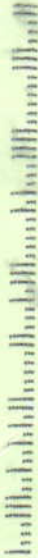


First-Class Maxi
Postage & Fees Paid
USPS
Permit No. G-10

- Sender: Please print your name, address, and ZIP+4 in this box •

PA DEPT OF ENVIRONMENTAL PROTECTION
BUREAU OF OIL & GAS MANAGEMENT
SCRANTON DISTRICT OFFICE
SAMTER BUILDING RM 400
101 PENN AVE
SCRANTON PA 18503

GR



Date of Issue: 08/15/2011 12:08:30
PAGE 1 of 2
DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg, PA 17105-1467

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 0257 021

Status: Completed

Name of Sample Collector: Gene T Rickard
Date Sample was Collected: 07/26/2011 12:00:00 PM

County: NOT INDICATED
Municipality: NOT INDICATED

State:

Sample Medium :
Sample Medium Type:

Location: NOT INDICATED
Reason: Complaint

Laboratory Sample ID: I2011021313
Completed
Standard Analysis: 946

Legal Seal: I008139	Intact: YES
Legal Seal: I008140	Intact: YES
Legal Seal: I008141	Intact: YES
Legal Seal: I008138	Intact: YES

And Time			Date
Test Codes/CAS# - Description	Analyst	Test Method	Reported Results
70300 TDS @180 C			360 MG/L
07/27/2011 12:00 AM	LWILKINSON	SM 2540 C	
00940A CHLORIDE			3.8 MG/L
08/06/2011 08:00 AM	CRADCK	SM 4500-CL	
00900 Hardness T			65 MG/L
07/28/2011 10:08 AM	MOBERCASH	SM 2340 B	
00403 pH			8.2 pH units
07/27/2011 12:15 PM	GDELONG	SM 4500H-B	
** Comment **	Time Limit For Test Exceeded		
00095 SPC @ 25.0 C			567.00 umhos/cm
08/05/2011 02:28 PM	GDELONG	SM 2510B	

00410	ALKALINITY			272.6 MG/L
07/27/2011 12:15 PM		GDELONG	SM 2320B	
00530	T SUSP SOLID			<5 MG/L
07/27/2011 12:00 AM		LWILKINSONUSGS	I-3765	
00945A	SULFATE T			<15.0 MG/L
07/28/2011 08:00 AM		DLY	EPA 375.2	
71870	BROMIDE			<0.2 MG/L
07/27/2011 07:02 PM		FVODOPIVECEPA	300.0	

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Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 0257 021

Status: Completed

And Time			Date
Test Codes/CAS# - Description			
Analyzed	Analyst	Test Method	Reported Results
00927A	MAGNESIUM T		3.612 MG/L
07/28/2011 10:08 AM	MOBERCASH	EPA 200.7	
01105A	ALUMINUM T		<200 UG/L
07/28/2011 10:08 AM	MOBERCASH	EPA 200.7	
00916A	CALCIUM T		19.900 MG/L
07/28/2011 10:08 AM	MOBERCASH	EPA 200.7	
00937A	POTASSIUM T		2.512 MG/L
07/28/2011 10:08 AM	MOBERCASH	EPA 200.7	
00929A	SODIUM T		99.700 MG/L
07/28/2011 10:08 AM	MOBERCASH	EPA 200.7	
01055M	Mn in MG/L		0.04 MG/L
07/28/2011 10:08 AM	MOBERCASH	EPA 200.7	
01007M	Ba in MG/L		0.801 MG/L
07/28/2011 10:08 AM	MOBERCASH	EPA 200.7	
01045M	Fe in MG/L		0.05 MG/L
07/28/2011 10:08 AM	MOBERCASH	EPA 200.7	
01082M	Sr in MG/L		2.30 MG/L
07/28/2011 10:08 AM	MOBERCASH	EPA 200.7	

The results of the analyses provided in this laboratory report relate only to the sample(s) identified in the report. Unless otherwise noted, the results presented on this laboratory report meet all the requirements of The NELAC Institute (TNI). Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report. Tests noted with an "*" are not

Date of Issue: 08/15/2011 12:08:23
PAGE 1 of 3
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P.O. Box 1467
2575 Interstate Drive
Harrisburg, PA 17105-1467

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 0257 021

Status: Completed

Name of Sample Collector: Gene T Rickard

Date Sample was Collected: 07/26/2011

County: NOT INDICATED

State:

Municipality: NOT INDICATED

Sample Medium :

Sample Medium Type:

Location: NOT INDICATED

Reason: Complaint

Laboratory Sample ID: 02011005822
Completed

Suite: METH

Legal Seal: I008138	Intact: YES
Legal Seal: I008139	Intact: YES
Legal Seal: I008140	Intact: YES
Legal Seal: I008141	Intact: YES

Date

And Time

Test Codes/CAS# - Description

Reported Results

Analyzed Analyst Test Method

74851	Ethene		67.0 UG/L (U)
08/01/2011 12:00 AM	DACLEMENS BOL BOL6019		
74828	Methane		416 UG/L
08/01/2011 12:00 AM	DACLEMENS BOL BOL6019		
74986	Propane		17.0 UG/L (U)
08/01/2011 12:00 AM	DACLEMENS BOL BOL6019		
74840	Ethane		31.0 UG/L (U)
08/01/2011 12:00 AM	DACLEMENS BOL BOL6019		

included in our NJ NELAP Annual Certified Parameter List.

Taru Upadhyay, Technical Director, Bureau of Laboratories

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Taru Upadhyay, Technical Director, Bureau of Laboratories

Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 0257 021

Status: Completed

ORGANICS LABORATORY QUALIFIERS

U - Indicates analysis was performed for the compound but it was not detected.

The sample quantitation limit is reported.

J - Indicates an estimated value, below the quantification limit, but above the method detection limit.

N - Indicates presumptive evidence of a compound.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

P - This flag is used with a target analyte when there is greater than a 25%

confirmation difference between the results obtained from the primary and

columns for dual column analysis methods (i.e. pesticides, triazines, PCBs, etc). The reported value is the average of the two results.

Q - This flag identifies the average of multiple results from multiple analyses, or the average of the averages of dual column analysis methods.

 - (Underline) - The compound is present at the amount reported. No flag.

X - Non-target analytes co-elute with compound. Identification unable to be confirmed.

